ABSTRACT OF THE DISCLOSURE

A transmission apparatus utilizing an SDH is provided. The transmission apparatus includes a processing unit controlling the transmission

- 5 apparatus, an SSM extraction unit extracting a first SSM from an input signal, and a selector selecting either of the first SSM and a second SSM set by the processing unit. The transmission apparatus can add an incoming SSM function, for instance, to an
 - external 2Mbps SSM function in addition to an assumed SSM function. Accordingly, the transmission apparatus can conform to the ITU-T G.781 Recommendation by utilizing a related-art synchronization function.

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